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**FAX TO: Mail Stop Issue Fee**

**Fax: (571) 273-2885**

**FROM: Winston Hsu, PATENT AGENT, REG. NO.: 41,526**

**SERIAL NO.: 10/708,852**

**ATTORNEY DOCKET NO.: ALIP0017USA**

**SUBJECT: (1) ISSUE FEE PAYMENT**

**(2) Friendly Reminder of entitlement to small  
entity status**

**TOTAL PAGES: 9 PAGES (INCLUDING COVER PAGE)**

**Winston Hsu 07/23/2007**

**ALIP0017USA\_E2\_1**



PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/708,852
	Filing Date	03/29/2004
	First Named Inventor	Gin-Der Wu
	Art Unit	2193
	Examiner Name	MAI, TAN V
	Attorney Docket Number	ALIP0017USA
Total Number of Pages in This Submission		8

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	1. Friendly Reminder of entitlement to small entity status
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	North America Intellectual Property Corporation		
Signature	<i>Winston Hsu</i>		
Printed name	Winston Hsu		
Date	07/23/2007	Reg. No.	41,526

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature	<i>Josefina Wang</i>		
Typed or printed name	Josefina Wang	Date	07/23/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Gin-Der Wu

5 Filing Date: 03/29/2004 Art Unit: 2193  
Serial No.: 10/708,852 Examiner: MAI, TAN V  
Docket No.: ALIP0017USA

10 Title: METHOD OF SETTING A TRANSFER FUNCTION OF AN ADAPTIVE  
FILTER

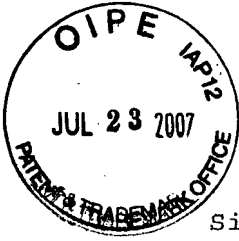
To: Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

15 Subject: Friendly Reminder of entitlement to small entity  
status

20 Dear Sir,

The applicant filed a Written assertion of entitlement to  
small entity status pursuant to 37 CFR 1.27(c)(1) on 11/15/2005  
and the received copy with a timestamp of 11/16/2005 was showed  
on PAIR (Attachment 1). However, the entity status shown on  
25 the NOTICE OF ALLOWANCE AND FEE(S) DUE is not appropriate.

30 The issue fee \$700.00 of small entity is accompanied with  
this reminder. Please correct the entity status and issue the  
patent as soon as possible. Thank you.



Sincerely yours,

*Winston Hsu*

Date: 07/23/2007

5 Winston Hsu, Patent Agent No. 41,526  
P.O. BOX 506, Merrifield, VA 22116, U.S.A.  
Voice Mail: 302-729-1562  
Facsimile: 806-498-6673  
e-mail : winstonhsu@naipo.com

10

Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 12 hours behind the Taiwan time, i.e. 9 AM in D.C. = 9 PM in Taiwan.)



Attachment I (4-1)

IFW

PTO/SB/21 (09-04)  
Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/708,852
	Filing Date	03/29/2004
	First Named Inventor	Gin-Der Wu
	Art Unit	2644
	Examiner Name	CHIN, VIVIAN C
	Attorney Docket Number	ALIP0017USA
Total Number of Pages in This Submission		4

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Written assertion of entitlement to small entity status pursuant to 37 CFR 1.27(c)(1)
Remarks		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	North America Intellectual Property Corp.	
Signature	<i>Winston Hsu</i>	
Printed name	Winston Hsu	
Date	11/15/2005	Reg. No. 41,526

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:	
Signature	<i>Cindy Lin</i>
Typed or printed name	Cindy Lin
Date	11/15/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(4-2)



Under the Patent Reduction Act of 1985, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
 Effective on 12/08/2004.  
 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).  
 Approved for use through 07/31/2008. OMB 0551-0032  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Information and authorization on PTO-2038.

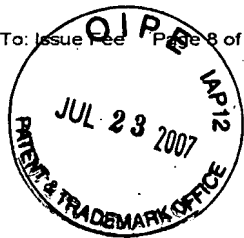
FEE TRANSMITTAL For FY 2005		Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/708,852
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	03/29/2004
0.00		First Named Inventor	Gin-Der Wu
		Examiner Name	CHIN, VIVIAN C
		Art Unit	2644
		Attorney Docket No.	ALIP0017USA

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify):	
<input checked="" type="checkbox"/> Deposit Account	Deposit Account Number: 50-3105
Deposit Account Name: North America Intellectual Property Corp.	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
Application Type	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
2. EXCESS CLAIM FEES							
Fee Description							Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent							50
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent							100
Multiple dependent claims							360
Total Claims							
Extra Claims							
Fee (\$)							
Fee Paid (\$)							
Multiple Dependent Claims							
Fee (\$)							
Fee Paid (\$)							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets							
Extra Sheets							
Number of each additional 50 or fraction thereof							
Fee (\$)							
Fee Paid (\$)							
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other:							

SUBMITTED BY		Registration No.	Telephone
Signature	<i>Winston Hsu</i>	41,528	302-729-1562
Name (Print/Type)	Winston Hsu		Date 11/15/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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(4-3)

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5    Applicant:    Gin-Der Wu                      Docket No.:    ALIP0017USA  
         App. No.:    10/708,852                      Filing Date:    03/29/2004  
         Art Unit:    2644                      Examiner:    CHIN, VIVIAN C  
         Assignee:    ALI Corporation

10

Title:    METHOD OF SETTING A TRANSFER FUNCTION OF AN ADAPTIVE  
         FILTER

15    To:            Commissioner of Patents  
                 P.O. Box 1450  
                 Alexandria, VA 22313-1450

Subject:    Written assertion of entitlement to small entity status pursuant to 37 CFR  
                 1.27(c)(1)

20

Dear Sir:

25            This is a written assertion pursuant to 37 CFR 1.27(c)(1) to accord small entity  
         status of the assignee. The employee number of the assignee has decreased and is less  
         than 500 persons recently. The assignee of the present application thus qualifies as a small  
         business concern as defined in 13 CFR Part 121 for purpose of paying reduced patent fee  
         programs. Please accord small entity status to the above-identified application and change  
         the entity status on the PAIR and maintenance fee payment system.



(4-4)

Sincerely yours,

5 Winston Hsu

Date: November 15, 2005

Winston Hsu, Patent Agent No. 41,526

P.O. BOX 506, Merrifield, VA 22116, U.S.A.

Voice Mail: 302-729-1562

Facsimile: 806-498-6673

10 e-mail : winstonhsu@naipo.com

Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)